09986115 LIST

PLUS Search Results for S/N 09986115, Searched August 15, 2003

6003766 6144746 6181799 6201878 6243473 6285770 6304661 6307942 6351542 6359991 6389935 6399870 6404894 4276446 6519349 6343133 5488286 5581168 6372066 6441517 4332986 6516076 5572079 6427016 6522760 6298140 5361669 6203537 4522271 5608810 4899387 5006741 430922 4389891 4107479 6301973 4452334 5383349
4300022 4389891 4107479 6301973 4452334 5231337

5014321 5936579 4458248 5742258 5929822 4309680 5836203 4320365 5515342 6219432 6219432 6309106 4850449 5005665 6420816
5742258 5929822 4309680 5836203 4320365 5515342 6219432 6219432 6309106 4850449 5005665
5929822 4309680 5836203 4320365 5515342 6219432 6219432 6309106 4850449 5005665
5836203 4320365 5515342 6219432 6219432 6309106 4850449 5005665
5515342 6219432 6219432 6309106 4850449 5005665
6219432 6309106 4850449 5005665
4850449 5005665
4333342 5253528
5457461 5505090
5550548 5582515
5639667 6312393
6423001 5546806
4470314 5782610
5299175 4564858
5195070 6079698
5303210 6148672
6035720 4924706
5317917 5811943
4107643 4947100
4992721 5012148
5013929 5015941
5218873 5363032
5493200 5495163

E E O 4 2 2 2
5594322 3916273
3864683
4314204
4365253 4880752
6202485
6499346
4539845 4572243
5450373
4392548
5719457 4497981
4554414
4763358
6011855 6108433
4307437
4920787
5357260 4076097
4275521
4377219
4383134 4387787
4609842
4900167
5285166 5749433
4142171
4346914 5476002
5661226
5813234
5050703 4297537
5475765
5901235
6185310 6606390
4286688
4482026
4823908 4403112
4837838
5216210 5514841
2214041

5502359 6590993 5293987 5321308 5777232 5804733 5854430 5890713 6044710 6312074 5293936 5268537 6046705 6087993 6118407 6169520 5612495 5668458 6061027 6257063 6417598 6603216 5511132 5869770 4806814 4303017 4482827 4570094 4503340 5283130 5424593 5689175 5783891 5783891 5783891 5912515 6020712 6407359 45937148 4496021 3649776 H001330	
5987148 4496021	

5580387
4446733
5465897
6474439
4609909
5879314
4450729
5656882
5687462
6069433
4987601
5319610

 $09986115_CLSTITLES\\ Titles of Most Frequently Occurring Classifications of Patents Returne$ d

From A Search of 09986115 on August 15, 2003

32	· ·	381	OR, 6 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Driven diverse static structure (e.g., wall, sounding board)
25	381/431 Class 381/150 381/396 381/423 381/431	381	OR, 21 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Specified diaphragm shape or structureFlat
20	381/423 Class 381/150 381/396 381/423	381	OR, 17 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Specified diaphragm shape or structure
13	381/398 Class 381/150 381/396 381/398	381	OR, 10 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Having diaphragm support feature
10	381/190 Class 381/150 381/190	381	OR, 10 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electrostrictive, magnetostrictive, or piezoelectric
9		073	OR, 2 XR) : MEASURING AND TESTING VIBRATION .Resonance, frequency, or amplitude study
9		-	OR, 5 XR) : ACOUSTICS

	181/148		
9	181/156 381/425		.Reflex baffle
9			: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/396 381/423 381/424 381/425		ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Specified diaphragm shape or structurePlural portions or sectionsHoneycomb
8	322/10 Class 322/10	322	OR, 0 XR) : ELECTRICITY: SINGLE GENERATOR SYSTEMS WITH PHYSICAL STARTING AND/OR STOPPING OF THE GENERATOR
7	181/167 Class 181/157 181/167	181	: ACOUSTICS
7	310/68D Class 310/10 310/40R 310/66 310/68R 310/68D	310	: ELECTRICAL GENERATOR OR MOTOR STRUCTURE DYNAMOELECTRIC
6	181/101	181	OR, 4 XR) : ACOUSTICS GEOPHYSICAL OR SUBSURFACE EXPLORATION .Well loggingSeismic wave generation
6		181	OR, 6 XR) : ACOUSTICS DIAPHRAGM AND ENCLOSURE
6 .	181/148	181	OR, 4 XR) : ACOUSTICS DIAPHRAGM AND ENCLOSURE .Reflector baffle
6	181/173 Class		OR, 5 XR) : ACOUSTICS

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181/157 DIAPHRAGM

181/173 .Particular shape

6 343/700MS (4 OR, 2 XR)

Class 343: COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R ANTENNAS 343/700MS .Microstrip

5 73/664 (4 OR, 1 XR)

Class 073: MEASURING AND TESTING

73/570 VIBRATION 73/662 .Vibrator

73/663 .. Table, platform, or other support

73/664 ...Circuitry

5 181/163 (0 OR, 5 XR)

Class 181 : ACOUSTICS 181/157 DIAPHRAGM

181/163 .Plural dependent diaphragms

5 181/199 (0 OR, 5 XR)

Class 181: ACOUSTICS

181/175 SOUND-MODIFYING MEANS

181/198 .Housing or enclosure (e.g., sound confining

and absorbing)

181/199 ..Speaker type

5 310/334 (0 OR, 5 XR)

Class 310: ELECTRICAL GENERATOR OR MOTOR STRUCTURE

310/300 NON-DYNAMOELECTRIC

310/311 .Piezoelectric elements and devices

310/328 ..With mechanical energy coupling means

310/334 ...Acoustic wave type generator or receiver

5 343/701 (4 OR, 1 XR)

Class 343: COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R ANTENNAS

343/701 .Having electric space discharge device

5 381/162 (0 OR, 5 XR)

Class 381: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER

381/162 .Detail of mechanical vibration coupling to

transducer (e.g., tuned vibrating element)

5 381/386 (2 OR, 3 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

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AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/386 .Mounting or support feature of housed loudspeaker

5 381/396 (2 OR, 3 XR)

Class 381: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER 381/396 .Electromagnetic (e.g., dyynamic)

5 381/408 (2 OR, 3 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER 381/396 .Electromagnetic (e.g., dyynamic)

381/400 ..Movable voice coil

381/408 ...Pattern

4 181/102 (1 OR, 3 XR)

Class 181: ACOUSTICS

181/101 GEOPHYSICAL OR SUBSURFACE EXPLORATION

181/102 .Well logging

4 181/144 (1 OR, 3 XR)

Class 181 : ACOUSTICS

181/144 PLURAL DIAPHRAGM SOUND SOURCES

4 181/152 (2 OR, 2 XR)

Class 181 : ACOUSTICS

181/148 DIAPHRAGM AND ENCLOSURE

181/152 .With horn

4 181/171 (0 OR, 4 XR)

Class 181: ACOUSTICS 181/157 DIAPHRAGM

181/171 .Mounting or suspension means

4 181/292 (0 OR, 4 XR)

Class 181: ACOUSTICS

181/175 SOUND-MODIFYING MEANS 181/284 .Sound absorbing panels

181/290 ...With perforated or porous face and honeycomb-like core

noneycomb like col

4 343/846 (0 OR, 4 XR)

Class 343: COMMUNICATIONS: RADIO WAVE ANTENNAS

		343/700F 343/846		09986115_CLSTITLES ANTENNAS .With grounding structure (including counterpoises)
f	4	363/145 Class 363/25		OR, 4 XR) : ELECTRIC POWER CONVERSION SYSTEMSWith automatic control of the magnitude o
-		363/144 363/145		<pre>output voltage or current .With conductive support mountingAdapted for use with alternators</pre>
	4	367/912 Class		OR, 4 XR) : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
		367/911 367/912		
	4	381/337 Class		OR, 4 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
		381/150 381/337		
	4	381/340 Class		OR, 2 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
		381/150 381/337 381/339 381/340		ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Having acoustic wave modifying structureSound intensifying or spreading elementHorn
	4	381/424 Class		OR, 4 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
		381/150 381/396 381/423 381/424		ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Specified diaphragm shape or structurePlural portions or sections
	4	381/426 Class	(0 381	OR, 4 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
		381/150 381/396 381/423 381/426		ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Specified diaphragm shape or structureCritically defined material or lamination

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09986115 CLSTITLES
  431/1
                 (3 OR, 1 XR)
       Class
                431 : COMBUSTION
                      COMBUSTION BURSTS OR FLARE-UPS IN PULSES OR
        431/1
                         SERIAL PATTERN
3
   73/643
                 (0 \text{ OR}, 3 \text{ XR})
                073 : MEASURING AND TESTING
       Class
        73/570
                      VIBRATION
        73/584
                    .By mechanical waves
        73/596
                      ..Beamed
                      ... Sonic wave transmitter or receiver
        73/632
                          transducer
        73/643
                      .... Nonvibrating transducer
3
   73/861.357 (3 OR, 0 XR)
                073: MEASURING AND TESTING
        Class
        73/861
                      VOLUME OR RATE OF FLOW
        73/861.351
                      .Mass flow by imparting angular or transverse
                            momentum to the fluid
        73/861.354
                      .. Coriolis or gyroscopic
        73/861.355
                      ... Vibrated conduit
        73/861.357
                      ....Drive and sensor element located on
                         straight conduit portion
  122/24
                 (0 OR, 3 XR)
                122 : LIQUID HEATERS AND VAPORIZERS
        Class
        122/23
                      FLUID FUEL
        122/24
                      .Explosion
  181/172
                (0 OR, 3 XR)
       Class 181: ACOUSTICS
        181/157
                      DIAPHRAGM
        181/171
                      .Mounting or suspension means
        181/172
                      .. Elastic suspension means
                (2 OR, 1 XR)
  181/175
        Class
                181 : ACOUSTICS
        181/175
                      SOUND-MODIFYING MEANS
  181/287
                 (0 OR, 3 XR)
3
        Class
               181 : ACOUSTICS
        181/175
                      SOUND-MODIFYING MEANS
                    .Sound absorbing panels
        181/284
        181/287
                      .. Movable/foldable panels
  181/288
                 (0 OR, 3 XR)
       Class
                181 : ACOUSTICS
                      SOUND-MODIFYING MEANS
        181/175
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09986115 CLSTITLES
          181/284
                        .Sound absorbing panels
          181/288
                        ..Cellular
  3 257/E25.025
                   (0 OR, 3 XR)
                  257 : ACTIVE SOLID-STATE DEVICES
          Class
                        ASSEMBLIES CONSISTING OF PLURALITY OF
          257/E25.001
                               INDIVIDUAL SEMICONDUCTOR OR OTHER SOLID
-STATE DEVICES (EPO)
          257/E25.002
                        .All devices being of same type, e.g.,
                              assemblies of rectifier diodes (EPO)
          257/E25.022
                        .. Devices having separate containers (EPO)
          257/E25.024
                        ... Semiconductors devices adapted for
                            rectifying, amplifying, oscillating, or sw
itching,
                            capacitors, or resistors with at least one
potential-jump
                            barrier or surface barrier (EPO)
          257/E25.025
                        ....Mixed assemblies (EPO)
                  (0 \text{ OR}, 3 \text{ XR})
    290/38R
                  290 : PRIME-MOVER DYNAMO PLANTS
          Class
          290/7
                        ELECTRIC CONTROL
          290/38R
                       .Electric-starting motor
    290/46
                  (0 \text{ OR}, 3 \text{ XR})
          Class
                  290 : PRIME-MOVER DYNAMO PLANTS
          290/46
                        STARTING AND GENERATING DYNAMO
    310/313R
                  (1 OR, 2 XR)
                  310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
          Class
          310/300
                        NON-DYNAMOELECTRIC
                      .Piezoelectric elements and devices
          310/311
          310/313R
                       ..Surface acoustic wave devices
    310/328
                  (1 OR, 2 XR)
                  310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
          Class
          310/300
                        NON-DYNAMOELECTRIC
          310/311
                        .Piezoelectric elements and devices
          310/328
                        .. With mechanical energy coupling means
    310/366
                  (0 OR, 3 XR)
  3
                  310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
          Class
                        NON-DYNAMOELECTRIC
          310/300
          310/311
                        .Piezoelectric elements and devices
                       .. Electrode arrangement
          310/365
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...More than two

310/366

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3	Class 3	322	OR, 3 XR) : ELECTRICITY: SINGLE GENERATOR SYSTEMS AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEAN
	322/29		.Speed or frequency of generator
3	343/700R	343	OR, 3 XR) : COMMUNICATIONS: RADIO WAVE ANTENNAS ANTENNAS .Slot type
3	343/700R	343	OR, 3 XR) : COMMUNICATIONS: RADIO WAVE ANTENNAS ANTENNAS .Wave guide type (e.g., horn)
3		367	OR, 3 XR) : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES SIGNAL TRANSDUCERS
3	381/150	381	OR, 1 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Plural or compound reproducers
3		381	: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Plural or compound reproducers
3	381/333 Class 381/87 381/332 381/333	381	OR, 2 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING) .And loudspeakerWith furniture, clothing, or image
3	381/343	•	presentation means OR, 3 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER
			Page 8

	381/337 381/339 381/340 381/343		09986115_CLSTITLES .Having acoustic wave modifying structureSound intensifying or spreading elementHornPhase plug
3	381/345 Class		OR, 1 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/337 381/345		ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Having acoustic wave modifying structureAcoustic enclosure
3	381/388 Class	381	OR, 3 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/386		<pre>ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Mounting or support feature of housed loudspeaker</pre>
	381/388		With furniture, clothing, or image display
3	381/395 Class		OR, 3 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/386		ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Mounting or support feature of housed
	381/395		loudspeaker Mechanical detail
3	381/397 Class	(1 381	OR, 2 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/396 381/397		ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Cooling feature
3	381/399 Class		: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
	381/150 381/396 381/399		AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Conductive diaphragm (e.g., ribbon)
3			OR, 2 XR) : HEATING WITH HEATING GAS CONVEYING, AGITATING,
FLU	IDIZED BED,		SCATTERING OR DISINTEGRATION OF WORK (E.G.,
			ETC.)

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2		OR, 2 XR) : CARD, PICTURE, OR SIGN EXHIBITING DISPLAY CARD
2		OR, 2 XR) : MEASURING AND TESTING TESTING OF SHOCK ABSORBING DEVICE (E.G., AUTOMOBILE SHOCK ABSORBER, GUN RECOIL APPA
RATUS,	ETC.) 73/11.05	.Torsional vibration damper
2	73/23.2	OR, 0 XR) : MEASURING AND TESTING GAS ANALYSIS .By vibration
2	73/23.2 73/24.01	OR, 2 XR) : MEASURING AND TESTING GAS ANALYSIS .By vibrationDetector detail
2		OR, 0 XR) : MEASURING AND TESTING LIQUID LEVEL OR DEPTH GAUGE
2		: MEASURING AND TESTING VIBRATION
2	73/602 (0 Class 073 73/570 73/584 73/596 73/602	OR, 2 XR) : MEASURING AND TESTING VIBRATION .By mechanical wavesBeamedWith signal analyzing or mathematical processing
2	· · · · · · · · · · · · · · · · · · ·	OR, 2 XR) : MEASURING AND TESTING VIBRATION .Vibrator
2	73/668 (0 Class 073	OR, 2 XR) : MEASURING AND TESTING

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09986115 CLSTITLES
        73/570
                     VIBRATION
        73/662
                     .Vibrator
                     .. Table, platform, or other support
        73/663
        73/668
                     ... Electromagnetically vibrated
2
   73/702
                (1 OR, 1 XR)
       Class 073: MEASURING AND TESTING
       73/700
73/702
                     FLUID PRESSURE GAUGE
                    .Vibration type
  181/101
               (2 OR, 0 XR)
        Class 181 : ACOUSTICS
                     GEOPHYSICAL OR SUBSURFACE EXPLORATION
        181/101
  181/113
               (0 OR, 2 XR)
               181 : ACOUSTICS
       Class
                     GEOPHYSICAL OR SUBSURFACE EXPLORATION
        181/101
        181/113
                    .Seismic wave generation
               (0 OR, 2 XR)
  181/142
       Class 181 : ACOUSTICS
                     WAVE GENERATION
        181/142
               (0 OR, 2 XR)
2
  181/145
        Class 181: ACOUSTICS
                    PLURAL DIAPHRAGM SOUND SOURCES
        181/144
                   .Plural chambers
        181/145
               (0 OR, 2 XR)
  181/159
        Class 181 : ACOUSTICS
        181/157
                    DIAPHRAGM
                   .With horn
        181/159
  181/166
               (0 OR, 2 XR)
        Class 181: ACOUSTICS
        181/157
                     DIAPHRAGM
                    .With damping means
        181/166
  181/177
               (1 OR, 1 XR)
               181 : ACOUSTICS
        Class
                     SOUND-MODIFYING MEANS
        181/175
        181/177
                    .Intensifying horn
               (0 OR, 2 XR)
  198/751
               198 : CONVEYORS: POWER-DRIVEN
        Class
       198/618 CONVEYOR SECTION
198/750.1 Reciprocating conveying surface
198/751 ...With control means responsive to sensor mean
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198/752.1
Class
2
               (0 OR, 2 XR)
               198 : CONVEYORS: POWER-DRIVEN
        198/618
                      CONVEYOR SECTION
        198/750.1
                      .Reciprocating conveying surface
        198/752.1
                      .. Vibratory conveying member
  307/10.1
                (1 OR, 1 XR)
                307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
        Class
                        SYSTEMS
        307/9.1
                      VEHICLE MOUNTED SYSTEMS
        307/10.1
                      .Automobile
2
   310/112
                (1 \text{ OR}, 1 \text{ XR})
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
        Class
        310/10
                      DYNAMOELECTRIC
        310/40R
                      .Rotary
                      ..Plural units, structurally united
        310/112
2
   310/114
                 (0 OR, 2 XR)
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
        Class
        310/10
                      DYNAMOELECTRIC
        310/40R
                      .Rotary
        310/114
                      ..Plural rotary elements
  310/156.26
                (0 OR, 2 XR)
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
        Class
        310/10
                      DYNAMOELECTRIC
        310/40R
                      .Rotarv
        310/152
                      .. Permanent magnet machines
        310/156.01
                      ...Permanent magnet rotor
        310/156.08
                      .... Mounting (such as on a surface of a shaft)
        310/156.26
                      .....Mounted on a bell shape hub
  310/162
                 (0 OR, 2 XR)
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
        Class
        310/10
                      DYNAMOELECTRIC
        310/40R
                      .Rotary
        310/159
                      ..A.C.
        310/162
                      ... Synchronous
2
  310/165
                 (1 OR, 1 XR)
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
        Class
        310/10
                      DYNAMOELECTRIC
        310/40R
                      .Rotary
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09986115 CLSTITLES
       310/159
                      ..A.C.
                      ...Synchronous
       310/162
                      ....D.C. excited
       310/165
2
                (0 OR, 2 XR)
  310/179
               310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
       Class
                     DYNAMOELECTRIC
       310/10
       310/40R
                      .Rotary
                      ..Windings and core structure
       310/179
                (0 OR, 2 XR)
  310/182
               310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
       Class
       310/10
                      DYNAMOELECTRIC
       310/40R
                     .Rotary
       310/179
                      ..Windings and core structure
                      ... Field or excitation windings or structure
       310/180
                      ....With short-circuited winding or conductor
       310/182
                (0 OR, 2 XR)
  310/313D
               310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
       Class
        310/300
                      NON-DYNAMOELECTRIC
                    .Piezoelectric elements and devices
        310/311
        310/313R
                    ..Surface acoustic wave devices
                      ... Interdigitated electrodes
        310/313B
        310/313D
                      .... Grating or reflector in wave path
 310/317
                (0 OR, 2 XR)
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
       Class
                      NON-DYNAMOELECTRIC
        310/300
        310/311
                      .Piezoelectric elements and devices
                     .. Electrical systems
        310/314
        310/317
                      ... Input circuit for mechanical output from
                        piezoelectric element
  310/330
                 (0 OR, 2 XR)
                310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
       Class
        310/300
                     NON-DYNAMOELECTRIC
                      .Piezoelectric elements and devices
        310/311
        310/328
                      .. With mechanical energy coupling means
                      ...Bending type
        310/330
  310/331
                 (0 OR, 2 XR)
               310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
       Class
        310/300
                      NON-DYNAMOELECTRIC
                     .Piezoelectric elements and devices
        310/311
        310/328
                      .. With mechanical energy coupling means
                      ...Bending type
        310/330
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310/331	Plural elements

310/340

(0 OR, 2 XR) Class 310 : FIFCUR 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

310/300 NON-DYNAMOELECTRIC

.Piezoelectric elements and devices 310/311

310/340 .. Encapsulated or coated

2 310/36 (0 OR, 2 XR)

Class 310: ELECTRICAL GENERATOR OR MOTOR STRUCTURE

310/10 DYNAMOELECTRIC

310/36 .Oscillating

2 310/51 (0 OR, 2 XR)

Class 310: ELECTRICAL GENERATOR OR MOTOR STRUCTURE

310/10 DYNAMOELECTRIC

.Rotary 310/40R

310/51 .. Vibration or noise suppression

318/254 (0 OR, 2 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/254 SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS

2 322/46 (0 OR, 2 XR)

Class 322: ELECTRICITY: SINGLE GENERATOR SYSTEMS

322/44 GENERATOR CONTROL

322/46 .Combined permanent magnet and wound field

structure

2 324/300 (0 OR, 2 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING

. 324/300 PARTICLE PRECESSION RESONANCE

324/303 (2 OR, 0 XR)

Class 324: ELECTRICITY: MEASURING AND TESTING

324/300 PARTICLE PRECESSION RESONANCE

324/303 .Using well logging device

324/309 (0 OR, 2 XR)

> 324 : ELECTRICITY: MEASURING AND TESTING Class

PARTICLE PRECESSION RESONANCE 324/300

324/307 .Using a nuclear resonance spectrometer system

324/309 .. To obtain localized resonance within a sampl

2 324/642 (0 OR, 2 XR)

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SPON	324/600	09986115_CLSTITLES : ELECTRICITY: MEASURING AND TESTING IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES REPRESENTATIVE OF ELECTRICAL STIMULUS/RE
SPON	324/629 324/637 324/642	RELATIONSHIPS .Distributive type parametersUsing transmitted or reflected microwavesWhere energy is reflected (e.g., reflectometry)
2	· · · · ·	: WAVE TRANSMISSION LINES AND NETWORKS COUPLING NETWORKS
s, e	tc.)	resonators, diffractors, multistrip coupler
2		: WAVE TRANSMISSION LINES AND NETWORKS MISCELLANEOUS
2	342/42 (2 Class 342 342/42	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
2	342/44 (0 Class 342 342/42 342/44	OR, 2 XR) : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES RADAR TRANSPONDER SYSTEM .Unique identity
2	343/771 (0 Class 343 343/700R 343/767 343/770 343/771	OR, 2 XR) : COMMUNICATIONS: RADIO WAVE ANTENNAS ANTENNAS .Slot typePluralWith wave guide coupling
2	343/785 (2 Class 343 343/700R 343/772 343/785	OR, 0 XR) : COMMUNICATIONS: RADIO WAVE ANTENNAS ANTENNAS .Wave guide type (e.g., horn)Dielectric type (e.g., polystyrene rod) Page 15

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2 343/786
                (1 OR, 1 XR)
       Class 343: COMMUNICATIONS: RADIO WAVE ANTENNAS
       343/700R
                     ANTENNAS
                    .Wave guide type (e.g., horn)
       343/772
       343/786
                     ..With horn
  343/795
               (2 OR, 0 XR)
       Class
               343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
       343/700R
                    ANTENNAS
        343/793
                    .Balanced doublet - centerfed (e.g., dipole)
       343/795
                     .. Sheet or wing type
2 343/816
                (0 OR, 2 XR)
       Class 343: COMMUNICATIONS: RADIO WAVE ANTENNAS
        343/700R
                    ANTENNAS
                    .Balanced doublet - centerfed (e.g., dipole)
        343/793
        343/810
                    ..Plural
        343/816
                     ...With coupling network
  343/829
               (0 OR, 2 XR)
               343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
        343/700R
                     ANTENNAS
        343/825
                     .Fractional, multiple, or full wave length
                         linear type
                     ..With grounding structure, including
        343/829
                        counterpoises
2 343/909
                (0 OR, 2 XR)
              343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
        343/700R
                     ANTENNAS
        343/907
                    .Antenna components
        343/909
                     .. Refracting means and radio wave energy
                        filters (e.g., lenses and polarizers)
2 363/37
                (0 OR, 2 XR)
               363 : ELECTRIC POWER CONVERSION SYSTEMS
       Class
        363/25
                     ....With automatic control of the magnitude o
                          output voltage or current
                     .Including an A.C.-D.C.-A.C. converter
        363/34
                     .. By semiconductor rectifier and inverter
        363/37
  367/13
                (0 OR, 2 XR)
       Class
               367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
                       SYSTEMS AND DEVICES
        367/13
                     TESTING, MONITORING, OR CALIBRATING
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09986115 CLSTITLES
2 367/138
                 (2 OR, 0 XR)
               367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
       Class
                        SYSTEMS AND DEVICES
        367/137
                     TRANSMITTER SYSTEMS
        367/138
                      .With beam forming, shaping, steering, or
                         scanning
  367/143
                (1 OR, 1 XR)
               367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
       Class
                        SYSTEMS AND DEVICES
        367/140
                      SIGNAL TRANSDUCERS
        367/141
                      .Underwater type
        367/142
                      .. Exclusive-type transmitter
        367/143
                      ... Hydraulically driven vibrator
                (0 OR, 2 XR)
  367/158
       Class
               367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
                        SYSTEMS AND DEVICES
        367/140
                      SIGNAL TRANSDUCERS
        367/141
                      .Underwater type
        367/157
                      ..Piezoelectric
        367/158
                      ... Head and tail mass
  367/176
                (0 OR, 2 XR)
2
               367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
       Class
                        SYSTEMS AND DEVICES
        367/140
                      SIGNAL TRANSDUCERS
                      .Underwater type
        367/141
        367/176
                      .. Transducer with resonant or damping structur
  367/82
                (2 OR, 0 XR)
               367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
       Class
                        SYSTEMS AND DEVICES
        367/81
                     WELLBORE TELEMETERING
        367/82
                      .Through drill string or casing
  381/111
                (2 OR, 0 XR)
               381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
        Class
                        AND DEVICES
        381/111
                     CIRCUITRY COMBINED WITH SPECIFIC TYPE
                        MICROPHONE OR LOUDSPEAKER
  381/173
                 (0 OR, 2 XR)
               381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
       Class
                       AND DEVICES
        381/150
                    ELECTRO-ACOUSTIC AUDIO TRANSDUCER
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09986115 CLSTITLES .Microphone capsule only 381/369 .. Piezoelectric or ferroelectric 381/173 381/184 (0 OR, 2 XR) 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER 381/182 .Plural or compound reproducers 381/184 ..Different types of diaphragms 381/335 (1 OR, 1 XR)Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING) .And loudspeaker 381/332 381/335 ..Plural diaphragms, compartments, or housings 381/338 (2 OR, 0 XR) 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS Class AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER 381/150 .Having acoustic wave modifying structure 381/337 381/338 ..With tubular wavequide or resonant element 2 381/342 (1 OR, 1 XR) Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER 381/150 381/337 .Having acoustic wave modifying structure .. Sound intensifying or spreading element 381/339 381/340 ...Horn 381/342Plural horns or diaphragms 381/349 (1 OR, 1 XR) Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER 381/337 .Having acoustic wave modifying structure 381/345 .. Acoustic enclosure 381/349 ...Bass reflex (e.g., rear wave) 381/351 (0 OR, 2 XR) 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS Class

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ELECTRO-ACOUSTIC AUDIO TRANSDUCER

.Having acoustic wave modifying structure

AND DEVICES

381/150

381/337

	381/345 381/351	09986115_CLSTITLESAcoustic enclosurePlural chambers
2	•	OR, 2 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Mounting or support feature of housed loudspeaker
	381/150 381/386	
	381/387	Directional, directible, or movable
2	381/401 (0 Class 381	OR, 2 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/396 381/400 381/401	<pre>ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Movable voice coilMultiple voice coils</pre>
2	381/412 (0	-
2		: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/396 381/412	<pre>ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Magnetic circuit</pre>
2		OR, 2 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150 381/396 381/412	ELECTRO-ACOUSTIC AUDIO TRANSDUCER .Electromagnetic (e.g., dyynamic)Magnetic circuit
	381/414	Flux modifying means
2	381/71.4 (0 Class 381	OR, 2 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/71.1 381/71.4	ACOUSTICAL NOISE OR SOUND CANCELLATION
2	381/96 (1 Class 381	: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
	381/96	AND DEVICES LOUDSPEAKER FEEDBACK
2	381/98 (2 Class 381	OR, 0 XR) : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES

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381/98

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